FIG. 1 12 10 ₆30 **SPM BEMF** Rectifier 20 16 Generated Electric Power ₍32 Power Supply Failure Signal **Power Supply** 22 18 34 Monitor **VCM BEMF Signal** VCM BEMF Detector Control Signal **VCM** Driver Controller . Voltage/Current Control Mode 36

40

FIG. 2

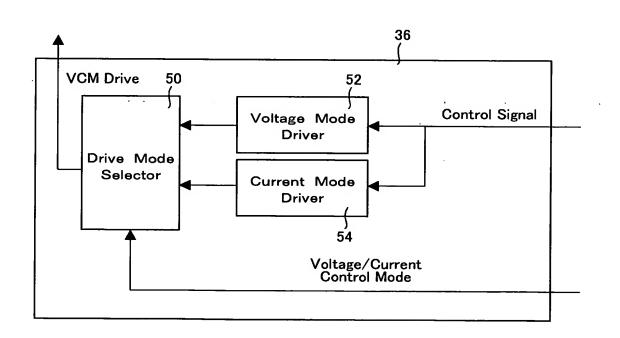


FIG. 3

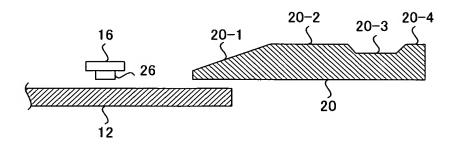


FIG. 4

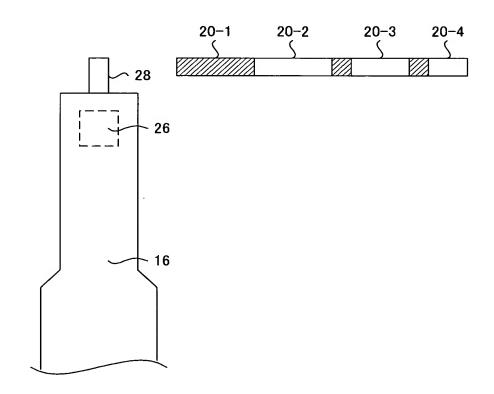
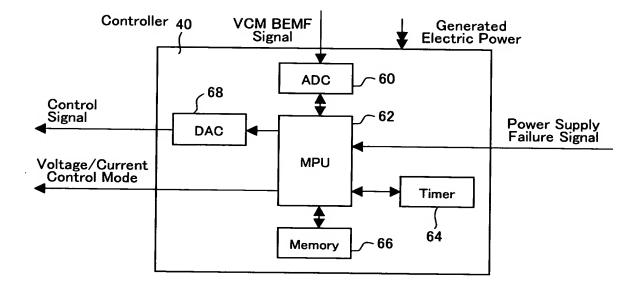


FIG. 5



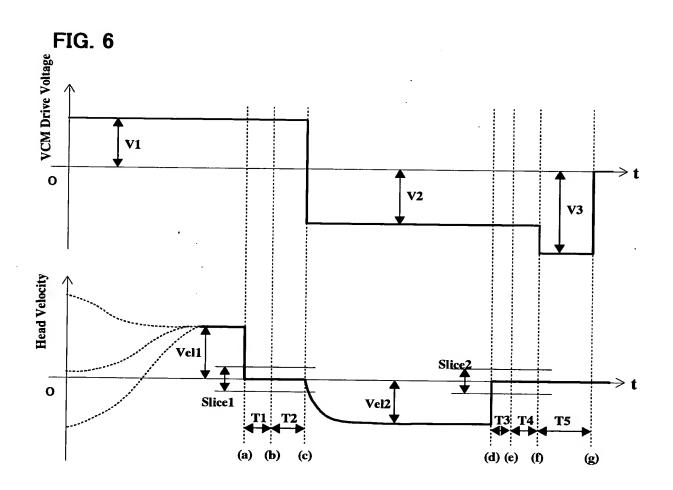


FIG. 7

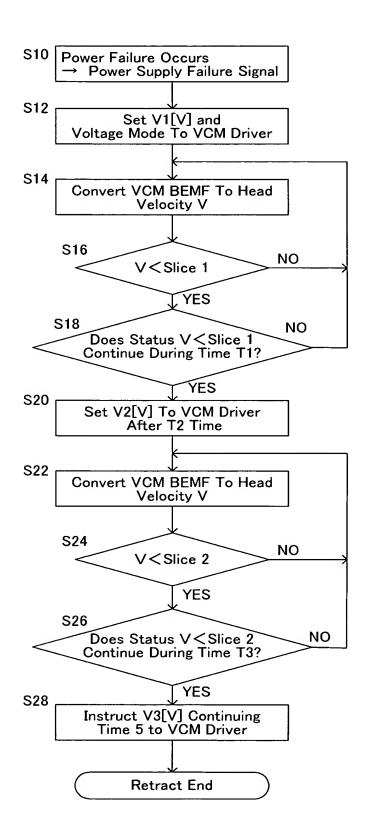


FIG. 8

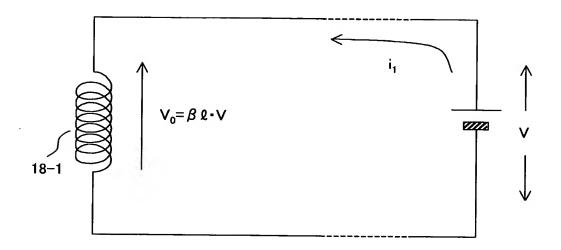


FIG. 9 12 10 30) SPM BEMF Rectifier 20 . 16 Generated Electric Power (32 24 Power Supply Failure Signal **Power Supply** 18 22 34 Monitor **VCM BEMF Signal** VCM BEMF Detector Control Signal **VCM** Driver Controller Break/Voltage/Current Control Mode) 40 36

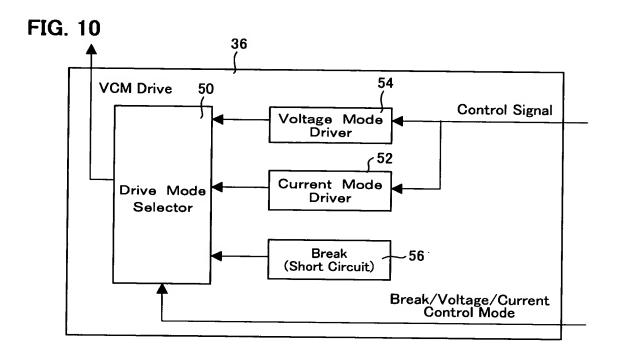


FIG. 11

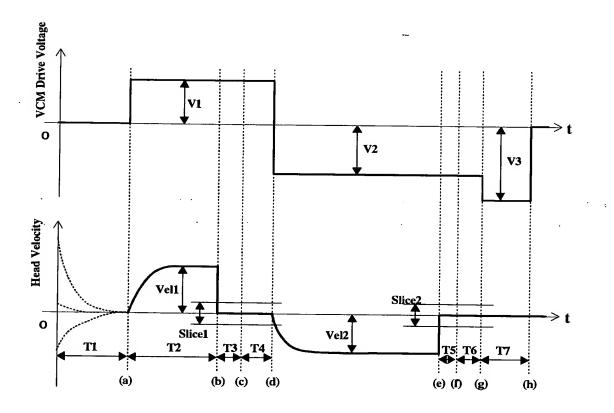
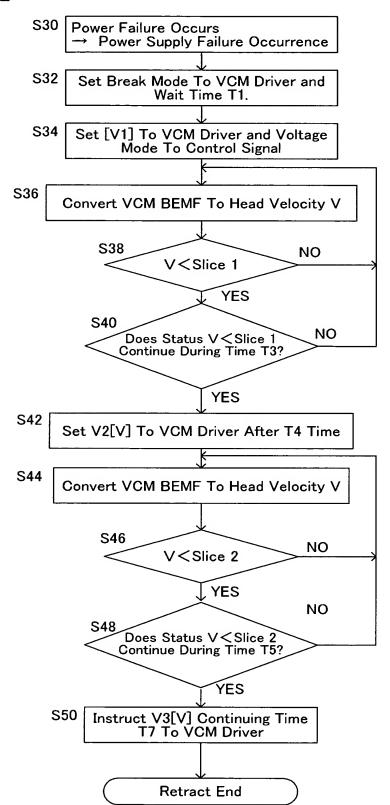
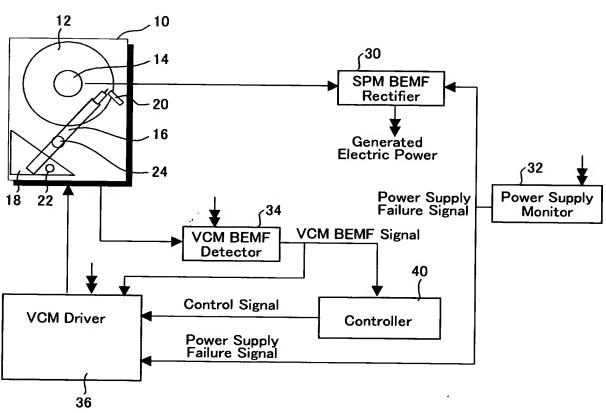


FIG. 12









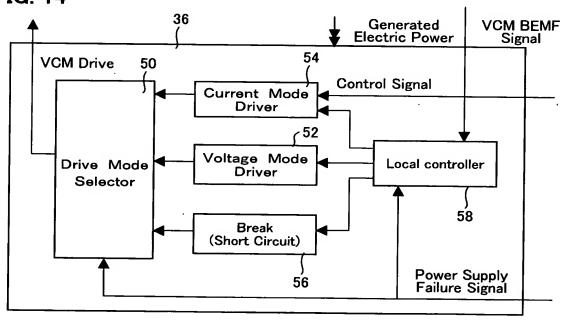


FIG. 15

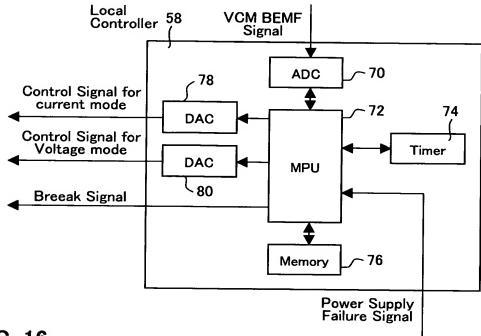
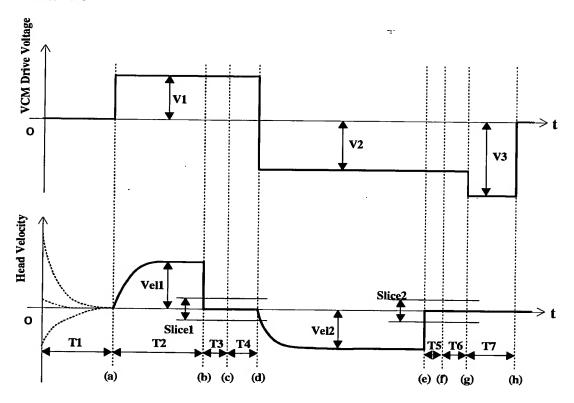
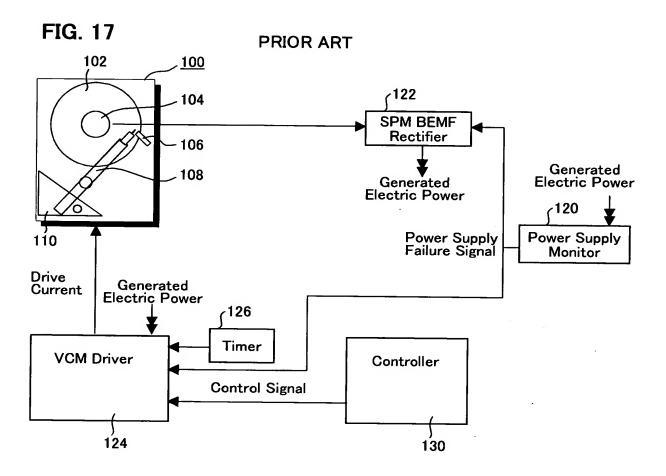
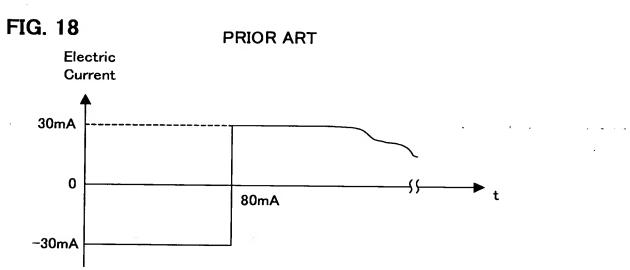


FIG. 16







Title: DISK APPARATUS, HEAD RETRACTING METHOD AND HEAD ... By: Nobuyuki SUZUKI Docket No.: 031254

FIG. 19

PRIOR ART

